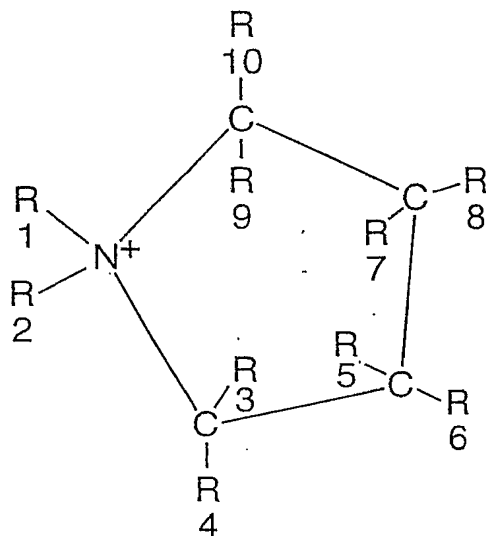
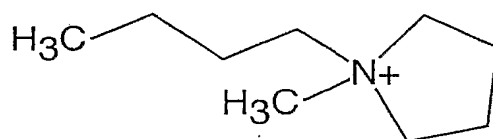


Fig.1A. Pyrrolidinium cations



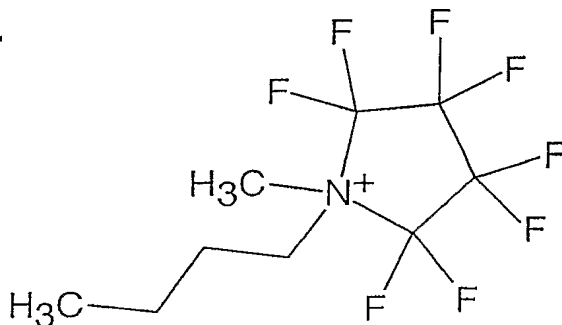
pyrrolidinium ring structure:  
R<sub>1</sub>-R<sub>10</sub> is e.g. H, F, alkylgroup, etc.

Fig.1B.



1-butyl-1-methylpyrrolidinium

Fig.1C.



1-butyl-2,2,3,3,4,4,5,5-octafluoro-1-methylpyrrolidinium

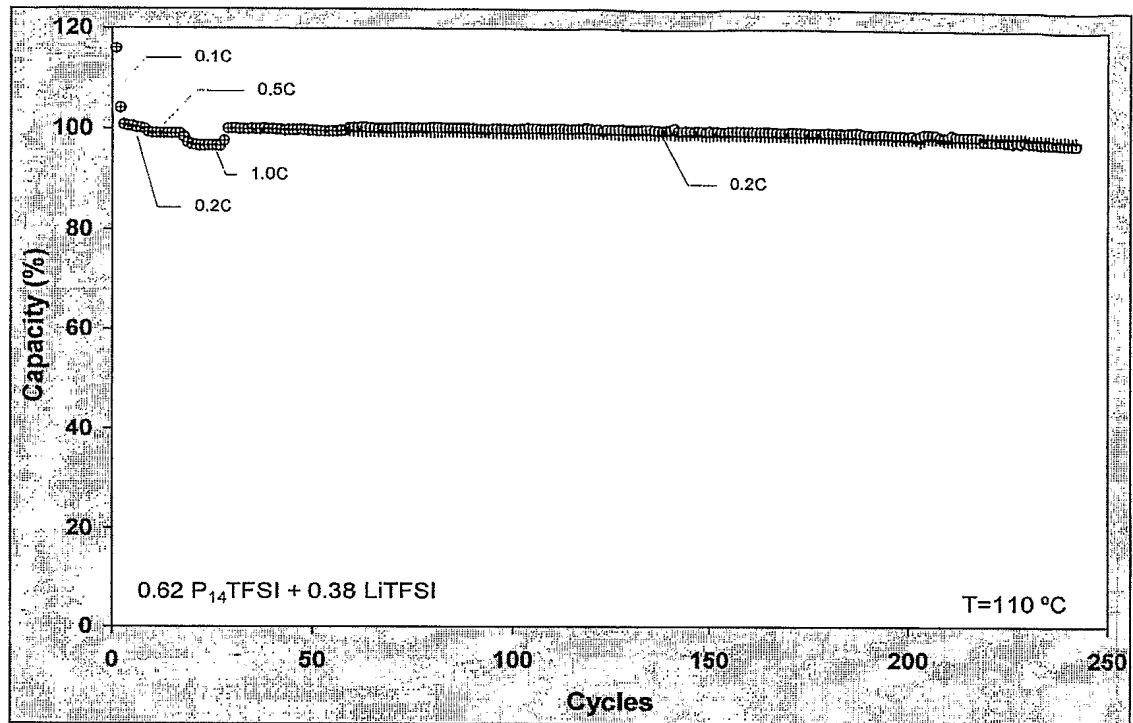


FIG 2

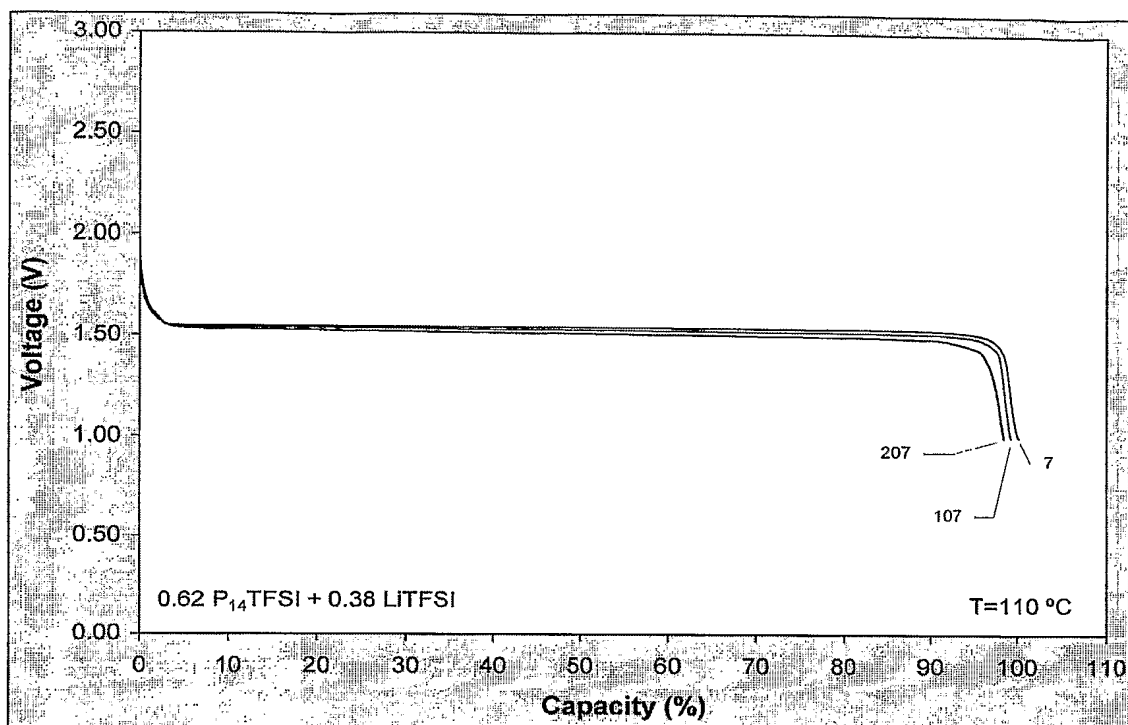


FIG 3

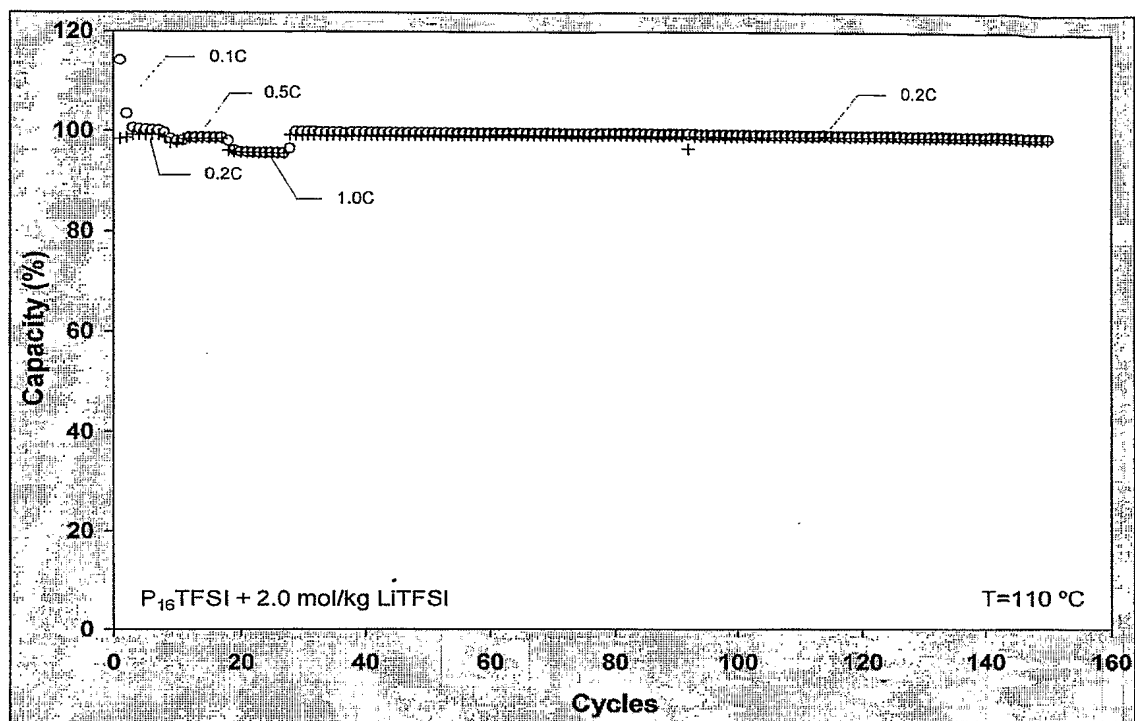


FIG 4

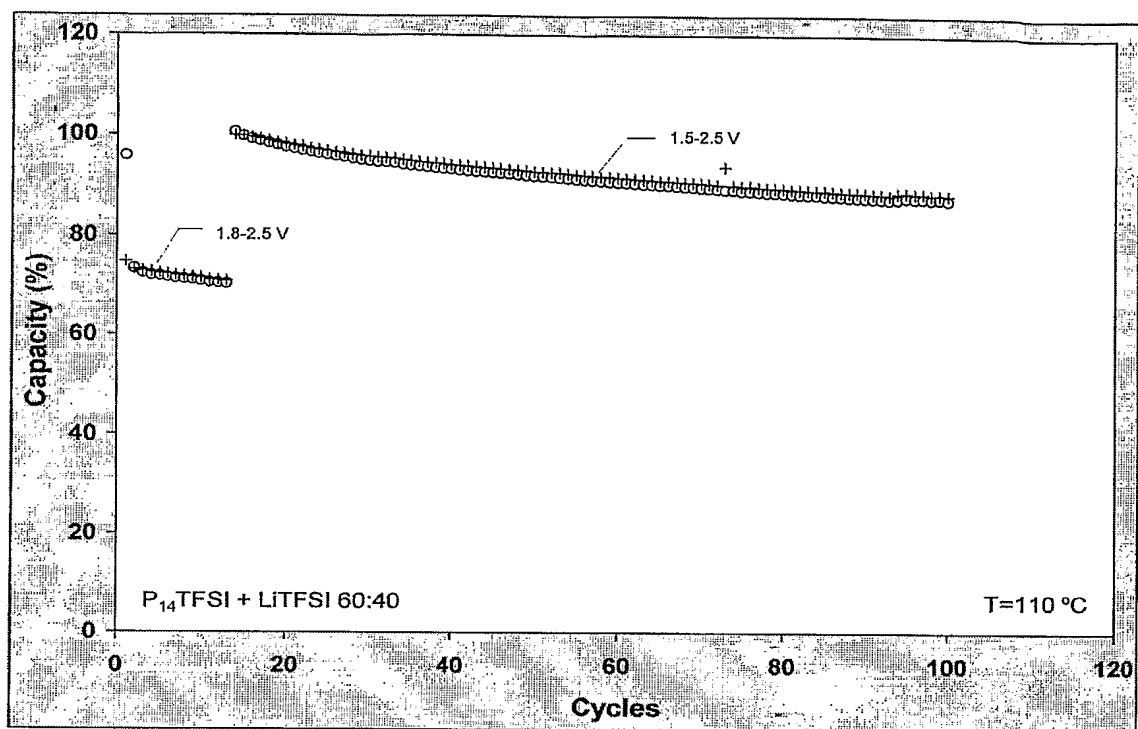


FIG 5

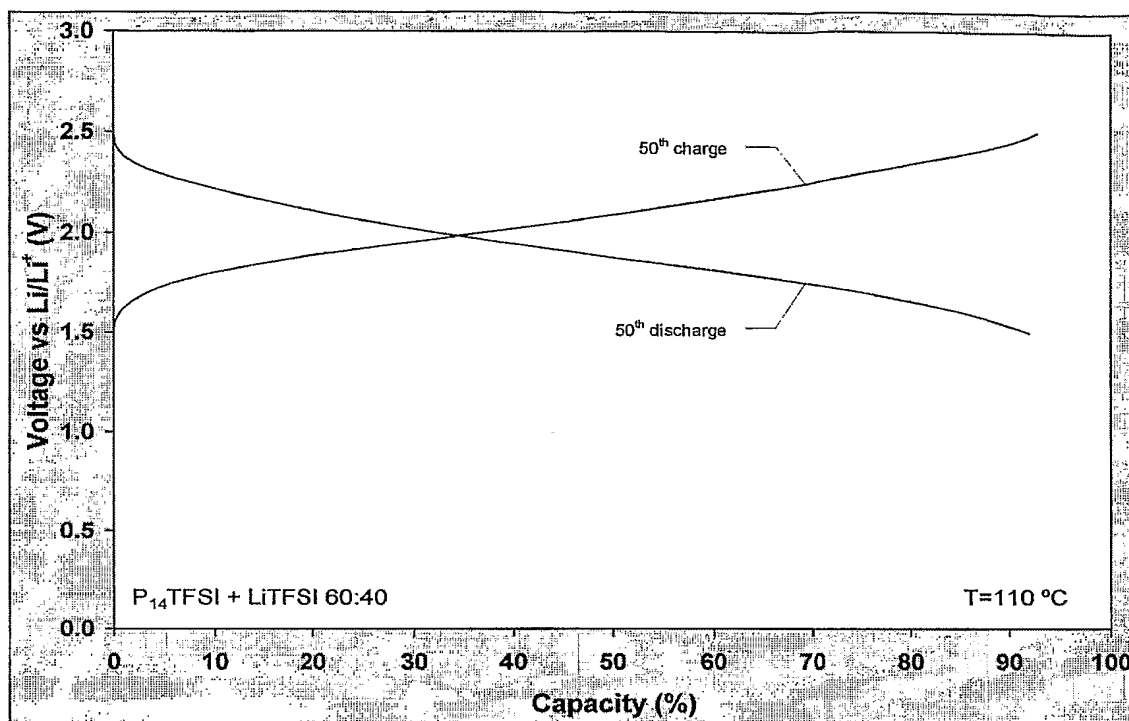


FIG 6

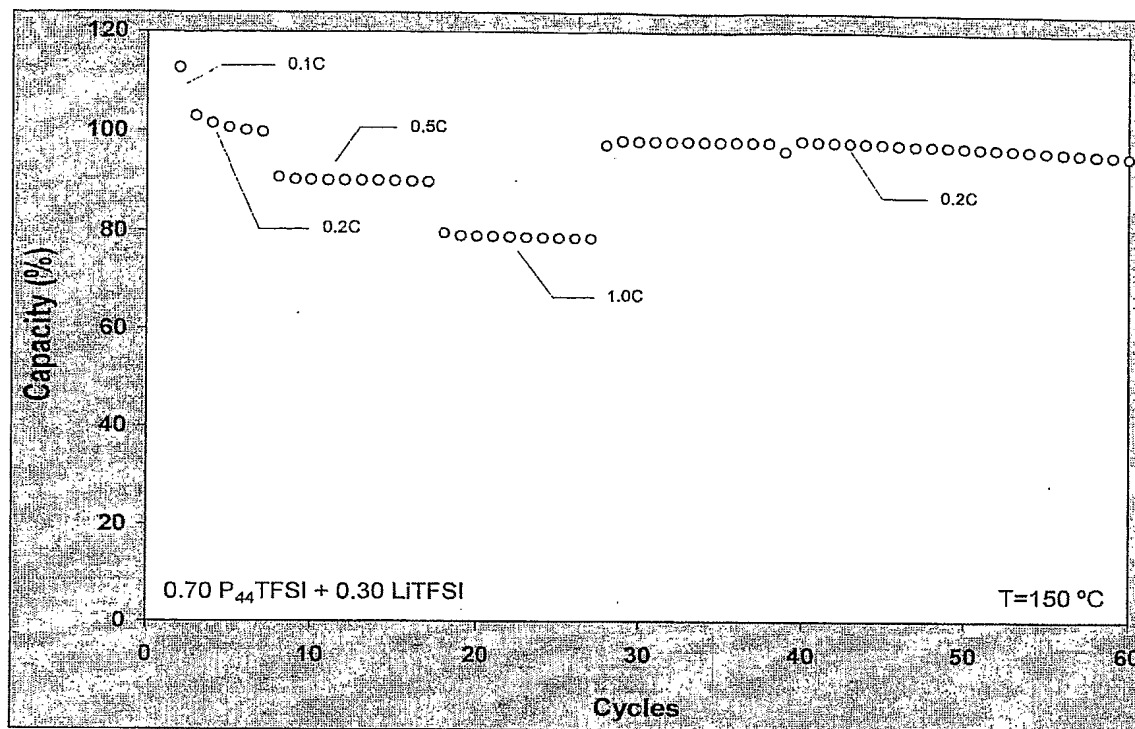


FIG 7

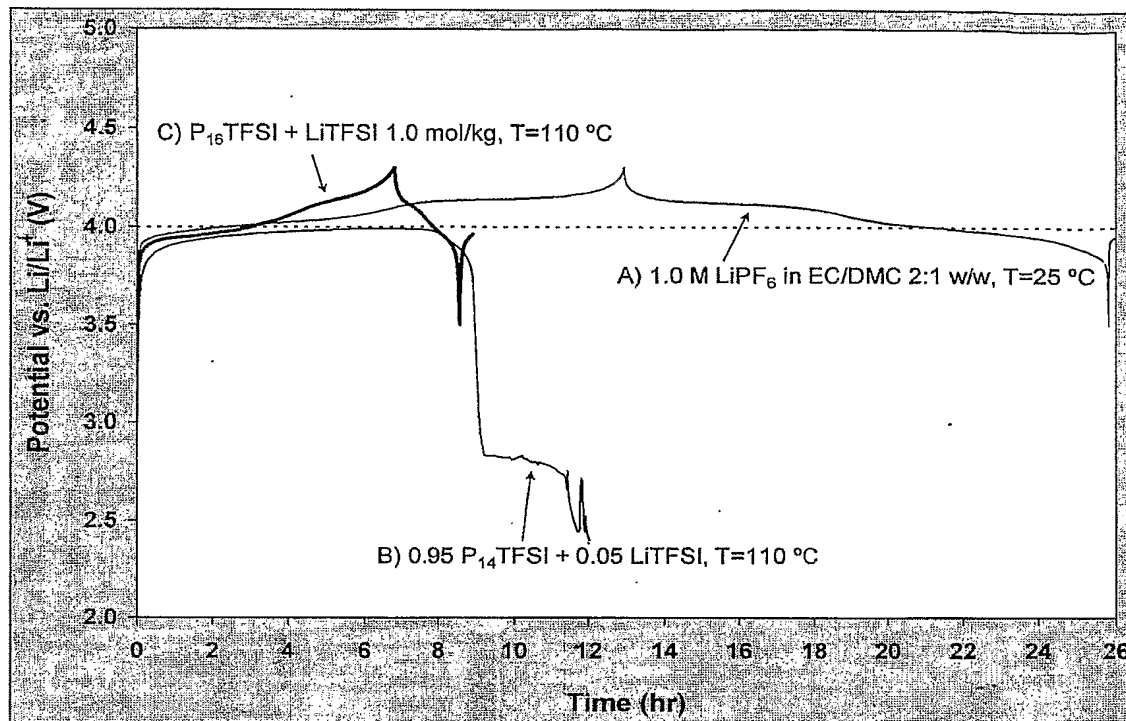


FIG 8



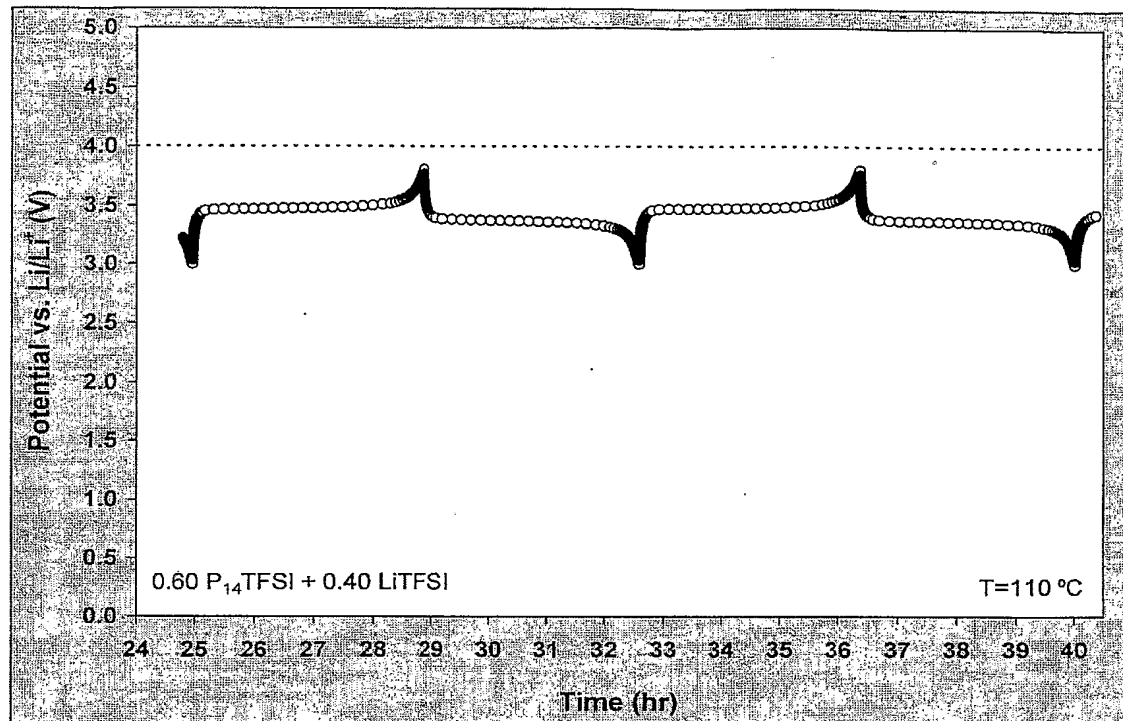


FIG 9